

INTERNATIONAL SEARCH REPORT

I tional Application No
..... 'GB2004/004982

A. CLASSIFICATION OF SUBJECT MATTER		IPC 7 G03B21/56 G03B21/58 G03B21/60
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 7 G03B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 679 778 A (HERBERT AUGUSTUS STARKE) 24 September 1952 (1952-09-24) page 2 -----	1-3,5-8
Y	US 5 140 460 A (FUKUHARA ET AL) 18 August 1992 (1992-08-18) column 6, line 41 - column 7, line 2; figures 12,13 -----	9-12
X	US 3 037 424 A (CAPETTA ALBERT) 5 June 1962 (1962-06-05) columns 1-3; figure 3 -----	1,4-7
Y	US 5 361 163 A (MATSUDA ET AL) 1 November 1994 (1994-11-01) column 6, lines 44-65 column 13, line 15 - column 14, line 49 ----- -/-	9-12 10
X		1-3,5,7, 11
		1-3,5,6,
		11
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
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Date of the actual completion of the international search		Date of mailing of the international search report
16 March 2005		04/04/2005
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European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Rückerl, R

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 323 301 A (SPECTOR ET AL) 6 April 1982 (1982-04-06) the whole document -----	9-12

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International Application No
GB2004/004982

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
GB 679778	A	24-09-1952	NONE		
US 5140460	A	18-08-1992	JP	4298732 A	22-10-1992
			JP	2584125 B2	19-02-1997
			JP	4174829 A	23-06-1992
			JP	2507172 B2	12-06-1996
			JP	4179944 A	26-06-1992
US 3037424	A	05-06-1962	NONE		
US 5361163	A	01-11-1994	JP	3218662 B2	15-10-2001
			JP	5224303 A	03-09-1993
			JP	2884905 B2	19-04-1999
			JP	5297462 A	12-11-1993
			JP	3013503 B2	28-02-2000
			JP	4355745 A	09-12-1992
			JP	2970064 B2	02-11-1999
			JP	4366939 A	18-12-1992
			JP	2737093 B2	08-04-1998
			JP	4338937 A	26-11-1992
			WO	9222009 A1	10-12-1992
			KR	9702673 B1	07-03-1997
US 4323301	A	06-04-1982	NONE		